

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO.	APPLICATION NO.	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)					
		APPLICANT(S)			
		FILING DATE		GROUP	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS SUB CLASS
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS SUB CLASS
H.P.		JP 10-320344	12/04/1998	Japan	
H.P.		JP 05-204795	08/13/1993	Japan	
H.P.		JP 10-333845	12/18/1998	Japan	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)					
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <i>7/7/03</i>	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					